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*This Report conforms with the Rules of Statistical Practice adopted
by the American Public Health Association, Section on Vital Statistics,
at the Annual Meeting, 1908.*

SALT LAKE CITY

Statement of Vital Statistics

For the Month of February, 1923

Average Death Rate per 1000 During Month . . . . .	.953
Average Death Rate of Actual Residents per 1000 During Month . . . . .	.800

Published by THE BOARD OF HEALTH

WITH METEOROLOGICAL OBSERVATIONS FROM THE OFFICE
OF THE UNITED STATES DEPARTMENT OF
AGRICULTURE, WEATHER BUREAU

Please Exchange

Vital Statistics for the Month of February, 1923

CAUSES OF DEATH (International Classification)	TOTAL	SEX		Color		Conjugal Condition					Place of Birth					AGE PERIOD Classified according to age last birthday															
		Male	Female	White	Colored	Single	Married	Widowed	Divorced	Unknown	Salt Lake	Utah	United States	Foreign	Unknown	Less than 1 month	1 month & less than 1 year	1 year to 2 years	2 to 3 yrs.	3 to 4 yrs.	4 to 5 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 years and over
ALL CAUSES—	124	74	50	123	1	40	47	27	7	3	39	11	28	41	5	13	3	1	1	0	3	4	4	1	3	10	13	11	12	20	25
I. General Diseases	35																														
1 Typhoid Fever	6	4	2	6		2	3		1		1	2	2		1			1									2		2		1
5 Smallpox	1		1	1		1							1								1										
6 Measles	1		1	1		1							1								1										
7 Scarlet Fever	1		1	1		1							1							1											
8 Whooping Cough	1		1	1		1							1								1										
9 Diphtheria and Croup	1		1	1		1							1																		
10 Influenza	2	1	1	2		1	1	1					2														1				1
18 Erysipelas	3	1	2	3		1		2			1		1	1			1														2
19 Other Epidemic Diseases																															
20 Purulent Infection and Septicaemia																															
26 Pellagra																															
28 Tuberculosis of the Lungs	4	4		4		1	3				1		2	1													1	2	1		1
29 Acute Miliary Tuberculosis	1	1		1					1					1														1			
30 Tuberculous Meningitis																															
31 Abdominal Tuberculosis																															
32 Pott's Disease																															
33 White Swellings																															
34 Tuberculosis of other organs																															
37 Syphilis																															
38 Gonococcus Infection																															
39 Cancer & oth. Malig. Tumors of the Buccal Cavity	1	1		1		1			1		1																		1		1
40 Cancer & oth. Malig. Tumors of Stomach, Liver	3	2	1	3			1	1	1		1			2														1	1	1	
41 Cancer & oth. Malig. Tumors of Perito. Int., Rectum	2	2		2			2				1		1														1				
42 Cancer & oth. Malig. Tumors of the Fem. Gen'l Org.	1		1	1				1							1																1
43 Cancer and other Malignant Tumors of the Breast	2	1	2	2			2					1			1													2			
44 Cancer and other Malignant Tumors of the Skin	1	1		1		1								1															1		
45 Cancer & oth. Mal.Tum. of oth. orgs. or org. not spec.	3	2	1	3			2	1					2	1															1	2	1
46 Other Tumors (Tumors of Fe. Gen'l. Org. excepted)															1																
47 Acute Articular Rheumatism																															
48 Chronic Rheumatism and Gout	1	1		1		1					1																1				1
50 Diabetes	2	1	1	2				1	1			1		1														1			
51 Exophthalmic goiter																															
52 Addisons Disease																															
53 Leuchaemia																															
54 Anemia, Chlorosis																															
56 Other General Diseases																															
56 Alcoholism (Acute or Chronic)	1	1		1						1					1																1
57 Chronic Lead Poisoning																															
59 Other Chronic Poisoning																															
II. Dis. of the Nerv. Syst. & the Org. of Spl Sense	11																														
60 Encephalitis	1		1	1		1					1																				
61-1 Simple Meningitis																															
61-3 Cerebrospinal Fever																															
63-1 Acute Anterior Poliomyelitis	1	1		1		1																									
63-2 Other Diseases of the Spinal Cord	1	1		1		1						1															1				
64 Cerebral Hemorrhage, Apoplexy	7	3	4	7			3	3		1			2	5															2	1	4
65 Softening of the Brain																															
66 Paralysis without specified cause	1	1		1		1					1						1														
71 Convulsions of Infants (under 5 yrs. of age)	1	1		1		1					1																				
76 Diseases of the Ears	1		1	1		1					1																				
III. Diseases of the Circulatory System	16																														
78 Acute Endocarditis	1	1		1		1						1																			
79 Organic Diseases of the Heart	13	9	4	13			7	5	1		2		5	6							1								1	5	4
80 Angina Pectoris	1	1		1		1							1																		1
81 Dis. of Arteries, Atheroma, Aneurysm, etc.																															
82 Embolism and Thrombosis																															
83 Diseases of the Veins (varices, hemorrhoids, phlebitis)																															
84 Dis. of Lymphatic sys. (Lymphngitis, etc.)																															
85 Hemorrhage; oth. dis. of circulatory system	1		1	1				1						1																	1
IV. Diseases of the Respiratory System	9																														
87 Diseases of the Larynx																															
88 Diseases of the Thyreoid Body																															
89 Acute Bronchitis																															
90 Chronic Bronchitis																															
91 Bronchopneumonia	6	4	2	6		4	2				3	1	1	1							1	2	1						1	1	
92-A Lobar Pneumonia	3	1	2	3		1		2					1	2													1				2
93 Pleurisy																															
94 Pulmonary Congestion, Pulmonary Apoplexy																															
96 Asthma																															
98 Oth. Dis. of Resp. syst. (Tuberculosis excepted)																															
V. Diseases of the Digestive System	5																														
99 Diseases of the Mouth and Annexa																															
100 Diseases of the Pharynx	1	1		1			1							1																	1
101 Diseases of the Esophagus																															
102 Ulcer of the Stomach																															
103 Oth. Dis. of the Stomach (Cancer excepted)																															
104 Diarrhoea and Enteritis (under 2 yrs.)	1	1		1		1					1						1														
105 Diarrhoea and Enteritis (2 yrs.																															

Vital Statistics for the Month of February, 1923---Continued

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ALL CAUSES—	124	74	50	123	1	40	47	27	7	3	39	11	28	41	5	13	3	1	1	0	3	4	4	1	3	10	13	11	12	20	25
VII. The Puerperal State	1																														
134 Accidents of Pregnancy																															
135 Puerperal Haemorrhage																															
136 Other Accidents of Labor	1			1			1				1																1				
137 Puerperal Septicaemia																															
138 Puerperal Albuminuria and Convulsions																															
139 Puerp. Phlegmasia alba dolens, embolus, sud. death.																															
VIII. Diseases of the Skin and Cellular Tissues	1																														
142 Gangrene	1	1		1					1					1																	1
144 Acute Abscess																															
145 Other Diseases of the Skin and Annexa																															
IX. Dis. of Bones and Organs of Locomotion																															
146 Diseases of the Bones (Tuberculosis excepted)																											1				
X. Malformations	4																														
150-2 Congenital Malformations of the Heart	2	1	1	2		2					1		1			1	1														
150-3 Other Congenital Malformations	2		2	2		2					2					2															
XI. Early Infancy	8																														
151-1 Premature Birth (not stillborn)	5	1	4	5		5					5					5															
151-2 Congenital Debility	1		1	1		1					1					1															
152-1 Injuries at Birth (not stillborn)	2		2	2		2					2					2															
152-2 Other Causes Peculiar to Early Infancy																															
XII. Old Age	2																														
154 Senility	2	2		2				1	1					2																	
XIII. External Causes	16																														
155 Suicide by Poison	2	1	1	2		1	1						2												1		1				
156 Suicide by Asphyxia																															
157 Suicide by Hanging or Strangulation																															
158 Suicide by Drowning																															
159 Suicide by Firearms	4	4		4			2	1		1	1	1	1													2	2				
160 Suicide by Cutting or Piercing Instruments																															
164 Poisoning by Food																															
165 Oth. Acute Poisonings																															
166 Conflagration																															
167 Burns (Conflagration excepted)	1	1		1		1					1									1											
168 Absorption of deleterious Gases (Confl. excepted)	1	1		1			1				1																1				
169 Accidental Drowning																															
170 Traumatism by Firearms																															
172 Traumatism by Fall	2	1	1	2		1		1			1				1						1										1
173-A Traumatism in Mines																															
174 Traumatism by Machines	1		1	1		1					1										1										
175-A Railroad Accidents & Injuries	2	2		1	1		2				1		1		1										1			1			
175-B Street Car Accidents & Injuries																															
175-C Automobile Accidents & Injuries																															
175-D Injuries by Other Vehicles	2	1	1	2			1	1			2															1			1		
175-E Landslide, other crushing																															

Number of Deaths for Feb, 1922-- 150
Number of Deaths for Feb, 1923-- 124

Death Rate per 1000, Feb, 1922, Estimated Pop. 139,000-- 1.153
Death Rate per 1000, Feb, 1923, Estimated Pop. 130,000-- .953

Non-Residents died in City 20

DEATHS NOT COUNTED IN DEATH RATE.				BIRTHS	
Stillbirths	9			Males	144
Bodies brought here for interment	21			Females	118
Bodies brought here and shipped away for interment				White	260
				Colored	2
				Total	262

Comparative Mortality from December 1905 to December 1923

	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905
January ..	124	170	152	161	237	133	157	103	127	128	119	98	123	108	96	123	116	81	65
February ..	124	150	119	350	146	117	117	98	97	98	108	74	83	85	92	115	105	55	50
March		161	114	122	145	133	109	112	114	91	95	127	104	85	140	115	81	79	78
April		116	119	140	127	149	123	97	108	97	109	105	78	105	123	92	80	67	63
May		124	134	131	120	113	112	88	111	102	110	90	92	90	102	87	114	41	
June		137	121	99	112	106	95	92	74	75	80	86	93	82	108	80	85	70	38
July		118	135	131	108	87	100	92	85	83	88	75	76	103	85	72	88	72	61
August ..		89	115	96	108	101	112	97	83	83	115	85	86	121	114	75	82	71	64
September ..		93	112	111	98	90	115	110	85	91	94	92	78	81	101	98	85	75	73
October ..		107	120	120	116	259	105	113	101	83	93	104	74	108	109	96	100	94	91
November ..		147	113	102	116	285	104	111	113	93	115	89	71	110	100	110	107	90	64
December ..		149	130	142	142	241	140	200	105	116	120	130	89	141	121	89	144	98	69
Total		1561	1484	1705	1586	1821	1390	1337	1180	1149	1238	1175	1045	1221	1279	1167	1160	966	757

Mar

Vital Statistics for the Month of February, 1923---Continued

Deaths by Wards

Total	1	2	3	4	5
124	37	20	20	15	32

Visits Made by Physician 275

Report of Chief Quarantine Inspector

S. C. EVANS

	Total	Small Pox	Scarlet Fever	Diph.	Pulmon'y Tuberculosis	Menin- gitis	Infan- tile Par- alysis
Hses disinfect'd Rooms	41	19	8	11	3	..	..
"	213	114	41	53	5	..	..

Contagious and Infectious Diseases Reported

(BY MUNICIPAL WARDS)

	Total	WARDS				
		1	2	3	4	5
Typhoid Fever ..	..	..	..	..	..	..
Smallpox	15	6	3	2	..	4
Measles	25	23	1	..	1	..
Scarlet Fever ...	3	..	1	..	1	1
Whooping Cough ..	81	23	29	12	1	16
Diphtheria	9	3	2	1	..	3
Mumps	351	148	53	69	52	29
German Measles..	..	..	..	..	..	..
Chickenpox	61	23	13	2	9	14
Tetanus .....	..	..	..	..	..	..
Tuberculosis ....	..	..	..	..	..	..
Pneumonia .....	..	..	..	..	..	..
Erysipelis .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Rocky Mt. Spotted Fever	..	..	..	..	..	..
Infantile Paralysis	..	..	..	..	..	..
Meningitis	1	..	..	..	1	..
Totals	546	226	102	86	65	67

Tuberculosis Report

LYDIA J. BAIRD, Chief Nurse

Patients under supervision beginning of month....	39
New patients	5
Discharged .....	..
Registered cases died .....	..
Visits to patients	4
Patients left city .....	..

Nose and Throat Clinic

Tonsillectomies ..	13
Adenoidectomies	13
Total Operations	26
Nose and Throat Examinations .....	..
Total Number of Patients	13

Typhoid Fever Report

New cases quarantined .....	..
*Less cases brought here for treatment.....	..
Old cases in quarantine .....	..
Cases released .....	..
Registered Cases Died.....	..
Cases remaining in quarantine .....	..
Calls made by nurse .....	..

Emergency Hospital Report

LYDIA J. BAIRD, Chief Nurse

Medical Cases	15
Surgical Cases (Minor)	75
Surgical Cases (Major)	28
Total Number of Cases	118
Classification of Major Cases:	
Fractures	18
Flesh Wound and Internal Injuries	6
Dislocations .....	..
Gunshot wound	4
Disposition of Cases:	
Sent Home	96
Sent to Local Hospitals	10
Sent to County Hospital	5
Returned to Jail	5
Dead when Brought to Hospital	1
Died in Hospital	1
Patients remaining in Hospital 3 hours or longer...	4
Typhoid Vaccine	2
Small Pox	8858
Minor Dressings	11
Anaesthesia	3
Schick Test (Diphtheria)	5
Diphtheria Toxin Antitoxin	43

Milk Stations Report

Milk Received, Quarts .....	..
Milk Sold, Quarts .....	..
Milk Given, Quarts .....	..
Ice Received, Pounds .....	..
Ice Given, Approximately Pounds .....	..

School Report

Visits to school	563
Rooms visited	3191
No. examined	8031
No. inspected	103363
Permits issued	7024
Permits refused	446
Excluded	194
Referred to medical inspector	42
Cultures taken	2
Vaccinations	7089
Home visits	1012
Parents to school	941
Minor dressings	3106

CAUSES FOR EXCLUSIONS.

Ringworm	2
Scabies	7
Impetigo	8
Pediculosis	2
Tonsilitis	10
Eye infection	25
Unclassified	100
Sus. Diphtheria .....	..
Sus. Smallpox .....	..
Sus. Mumps	27
Sus. Scarlatina .....	..
Sus. Chickenpox	2
Sus. Whooping Cough	8
Sus. Measles	3

Medical and Surgical Treatments Obtained

Adenoids	29
Enlarged Tonsils	32
Defective hearing .....	..
Defective vision	9
Unclassified	12
Treatments recommended	354
Defective teeth	54
Birth Calls by Nurses	168
Miscellaneous Calls by Nurses	72

Vital Statistics for the Month of February, 1923---Continued

Dental Clinic

Dr. C. G. GREEN

New Patients	39
Revisits	10
Total Visits	49
Deciduous Extractions	47
Permanent Extractions	9
Anaesthesia .....	..
Devitalizations .....	..
Pulp Removal .....	..
Canal Dressing .....	..
Abscess Treatments	1
Prophylaxis	28
Cement Filling	73
Silver	18
Silver and Cement	20
Synthetic	6
Root .....	..
Total Treatments	203

Baby Health Station

LYDIA J. BAIRD, Chief Nurse

Prenatal calls .....	..
Baby Clinics	18
Number Attending	574
Milk Modification calls	27

Report of Chief Inspector of Sanitary Division

S. L. SCHWARTZ

Total number of inspections made	3544
Total number of re-inspections made	404
Total number of O. K. inspections made	2096
Number of complaints filed by residents	14
Number complaints filed by inspectors	377
Inspections: Theatres, Dance Halls, Public Places	21
Ventilations corrected	2
Blocks Canvassed	590
Written notices served	15
Verbal notices served	371
Nuisances abated	117
Cesspools, vaults and grease traps cleaned	44
Notice to connect with sewer	5
Sewer connections made	64
Inspections for sewer connections .....	..
Night soil disposed of at flushing station, tanks	14
Dead Dogs reported	171
Prosecutions	1
Garbage Complaints	42
Ashes and other waste material complaints	23
Inspections comfort stations	18

Milk and Dairy Division

Report of Chief Inspector, Milk and Dairy Division.

M. J. CONNELLY

Dairy permits issued	78
Permits revoked	6
Permits refused	22
Inspections of farm dairies	100
Inspections of city milk plants	33
Inspections of milk in stores	67
Samples for analysis retail milk	82
Samples for analysis wholesale milk	49
Samples for analysis retail cream	19
Samples for analysis wholesale cream	21
Samples for analysis from restaurants and hotels	111
Samples for analysis ice cream	9
Samples for analysis private tests	31
Milk cans inspected	521
Milk cans condemned	15
Ice cream factories inspected	5
Sediment tests made	408
Samples of milk found below standard	38
Gallons of milk condemned	148
Number of complaints investigated	16
Orders given to improve conditions	28
Prosecutions .....	..
Convictions .....	..

Report of Bacteriologist

G. W. BAILEY

Total examination for Loeffler bacillus	114
For quarantine	40
Positive	8
Negative	32
For release	74
Positive	3
Negative	71
Widal test for typhoid fever .....	..
Positive .....	..
Negative .....	..
Sputum Examination for Tuberculosis	5
Positive	2
Negative	3
Spinal Fluid examined for Meningococcus .....	..
Positive .....	..
Negative .....	..
Smears examined for Gonococcus	35
Positive	4
Negative	31
Examination of Blood by Wassermann .....	..
Re-action .....	..
Positive	14
Negative	34
Examinations Koch-Weeks Bacillus .....	..
Positive .....	..
Negative .....	..
Examinations of Urine	3
Examinations of milk, cream, butter, chem. ....	..
Examination of milk, cream, butter, bact. ....	..
Examinations of water, chem.	16
Examinations of water, bact.	16
Misc	1

Dispensary

Dr. SPENCER WRIGHT

Gonorrhea { Microscopical Examinations	36
New Cases	114
Treatments	176
Syphilis { New Cases	7
Treatments	78
Chancroid { No. Cases .....	..
Treatments .....	..
Wasserman's	49
Positive	16

Report of Weights & Measures Division

JOHN HALVORSEN

OILS, WEIGHTS AND MEASURERS

Scales tested and sealed	183
Scales condemned for repairs	4
Scales Confiscated	1
Scales adjusted	24
Measuring pumps tested and sealed	17
Measuring pumps condemned for repair .....	..
Measuring pumps adjusted	14
Measures Confiscated .....	..
Liquid measures tested and sealed	12
Lineal measures tested and sealed .....	..
Measuregraphs tested and sealed .....	..
Prosecutions .....	..
Market inspections	25
Complaints investigated	4
Miscellaneous packages inspected and passed	1550
“ “ “ “ “ retained .....	..
Packages of Butter & Oleo. inspected and passed ..	510
“ “ “ “ “ retained .....	..
Bags of mill stuff inspected and passed	2682
“ “ “ “ “ retained	696
Commission House and Store Inspections	103
Unclean Berry Boxes and Cups Condemned .....	..
Loads of Coal Weighed	21
Oil Inspections and tests made .....	..
Gasoline tests made, Gals.	112710
Gals. of kerosene tested .....	..
Ice Deliveries Checked .....	..
Misc. Cases of Fruit Con'd and Repacked .....	..
Cases of fruit inspected and passed .....	..
Bags of sugar inspected & passed	4000
Bags of sugar inspected & retained .....	..
Number of Loaves of Bread inspected	5050

Vital Statistics for the Month of February, 1923--Continued

Division of Meat and Food Inspection

M. J. CONNELLY

SLAUGHTER HOUSE REPORT

	Ante Mortem	Post Mortem	Final Disposition of Carcasses			Primal Parts Condemned	Miscellaneous Products Condemned	Dead in Pens
			Retained	Condemned	Passed for Food			
Cattle	1072	1072	9	2	1070	380	1255	
Sheep	2034	2034	8	3	2031	460	30	
Swine	557	557			557	197	525	
Calves	117	117			117	12	10	
Country Dressed Carcasses.								
Hogs		442	2	2	440	175	384	
Veal		391			391	62	153	
Spring Lambs								
MEAT FOOD PRODUCTS.		Prepared						
Hams, prepared, lbs.		5670		45	5625			
Bacon, prepared, lbs.		3450		160	3290			
Sausage, prepared, lbs.		132200		676	131524			
Corn Beef, prepared, lbs.		3175		155	3020			
Lard, rendered, lbs.		2500			2500			
INEDIBLE PRODUCTS.								
Tallow, rendered, lbs.		30900						

MARKETS

INSPECTIONS												CONDEMNATIONS																																											
340	Meat Markets	38	Fish Markets	221	Grocery Stores	55	Bakeries	36	Candy Factories	256	Restaurants	32	Dressed Poultry	28	Live Poultry	3	Confectioneries	44	Soda Fountains	57	Comm. Houses	4	Hotels			6	Pickle Factories	1	Macaroni Fact'y		Hucksters		Notices Served		Permits Issued		Prosecutions			1473	Meat, Lb. Cond	360	Fish, Lb. Cond.	190	Poultry, Lb. Cond	600	Fruit, Lb. Cond.		Candy, Lb. Cond.	65	Gro. Sup., Cond.	15	Misc. Cond.	2703	Total Weight

Vital Statistics for the Month of February, 1923--Continued

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

Annual Meteorological Summary

Salt Lake City, February, 1923

WEATHER BUREAU OFFICE—Elevation—4,408.

MEAN ATMOSPHERIC PRESSURE, 25.75 inches.

Highest pressure, 26.06 on the 4th.

Lowest pressure, 25.06 on the 12th.

MEAN TEMPERATURE, 26.6°.

Highest temperature 44° on the 24th.

Lowest temperature, 4° on the 3rd.

Greatest daily range of temperature 20° on the 7th.

Least daily range of temperature, 9° on the 8th.

Normal this month, 33.8°

Absolute maximum for this month for 46 years 68°

Absolute minimum for this month for 46 years 13°

Average daily excess (+) or deficiency (—) of mean temperature of this month as compared with normal, + 7.2°.

Accumulated excess (+) or deficiency (—) of mean temperature since January 1st — 14°.

Average daily excess (+) or deficiency (—) since January 1st, (—) — 0.2°.

Prevailing direction of wind, NW.

Total movement of wind, miles 32.66

Average hourly velocity 4.9.

Highest velocity of wind (for five minutes) 39 miles from W on the 10th.

TOTAL PRECIPITATION, 0.35

Total snowfall 7.7 Greatest in 24 hrs 2.3 Feb. 10th

Normal Precipitation 1.38 Snow on ground end Feb. 0.0

Excess (+) or deficiency (—) of this month as compared with normal, + 1.03.

Accumulated excess (+) or deficiency (—) in precipitation since January 1st, (+) 0.48

Number of clear days, 12; partly cloudy days, 6, cloudy, 10; on which 0.01 inch, or more, of precipitation fell, 6.

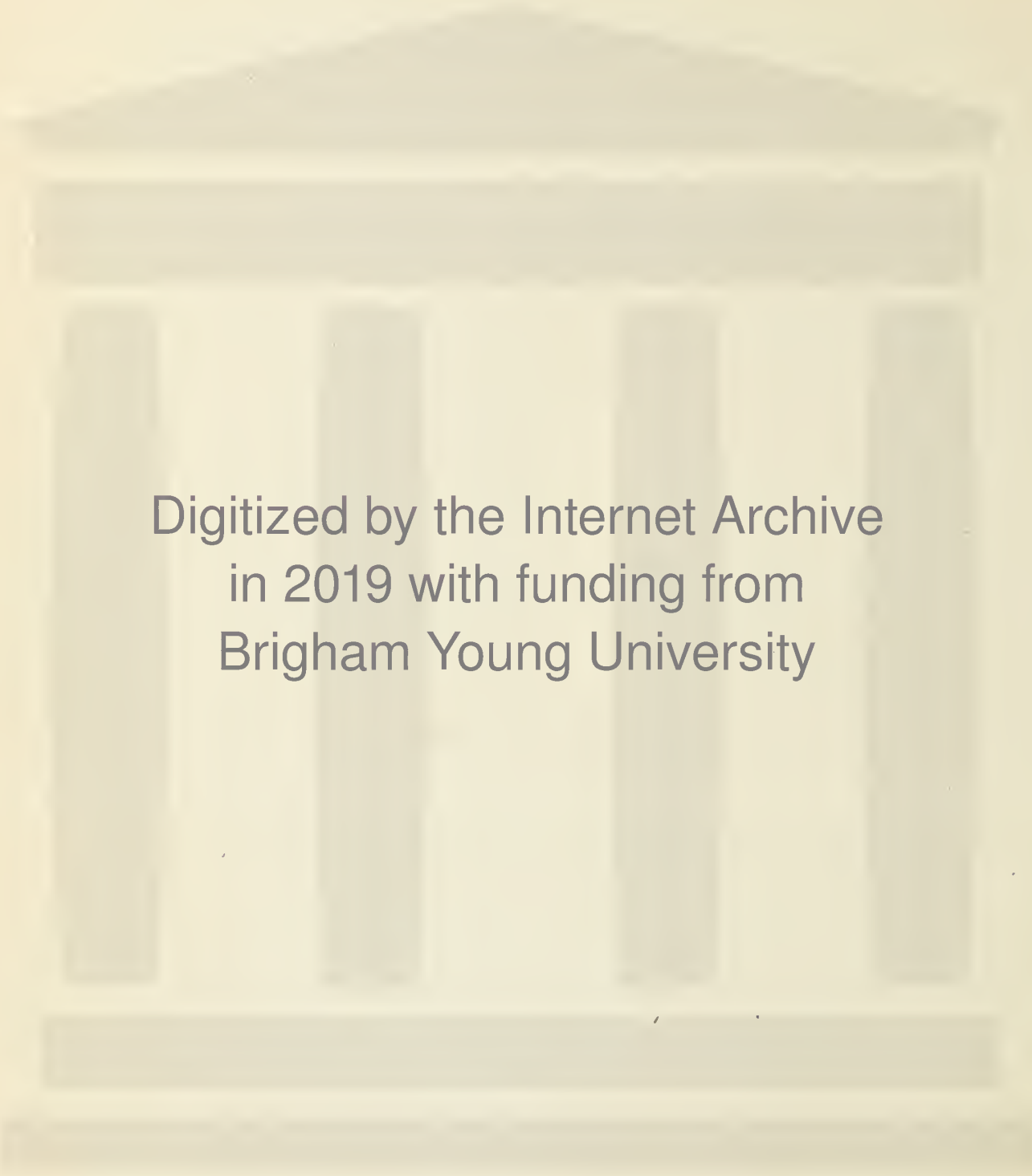
Mean relative humidity, 81.1 per cent at 6 a.m., 69.0 percent at 6 p. m

J. CECIL ALTER,
Meteorologist

Public Improvements and Other Statistics

Longitude	North	40° 46'
Latitude	West	111° 54'
Elevation above sea, feet		4,350
Estimated population, 1922		130,000
Population, U. S. census, 1920		118,110
Area of city, sq. miles		52
Miles of streets		514
Miles of street graded		514
Miles of street paved		89.52
Miles electric street railway		144.10
Miles public sewers		297.58
Miles gas mains		186
Miles water mains laid		337.19
Available water supply per day (avg) gals		61,950,000
Drinking fountains.....		45
Watering troughs		15
Number electric street lights		2,046

Number newspapers, daily	3
Number newspapers, weekly	10
No. of volumes in free public library, Feb 28, 1923-111,773	
Number of parks and playgrounds in city..	13
Number of acres in parks and playgrounds	1,035
Number public school buildings	58
Number of teachers in public school	1,000
Number of pupils attending public schools	33,302
Per cent in attendance	96.80
Value of school property	\$ 6,342,930.86
Tax rate, state, mills	1922 2.4
Tax rate, state school, mills	1922 4.5
Tax rate, state high school, mills	1922 .2
Tax rate, city, mills	1922 11.4
Tax rate, city schools, mills	1922 8.1
Tax rate, county, mills	1922 4.4
Tax rate, state road, mills	1922 .2
Assessed value real and personal property	\$189,133,257.00



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Ame
Quart
40
401
Ala
no. 5450
833

BOARD OF HEALTH

Public Safety Building, State and 1st South Streets

HON. ARTHUR F. BARNES
Commissioner of Public Safety

W. CHRISTOPHERSON, M. D.
Health Commissioner

J. J. GALLIGAN, M. D.
Ass't Health Commissioner

JOHN Z. BROWN, M. D.
Member Board of Health

H. P. KIRTLEY, M. D.
Member Board of Health

*This Report conforms with the Rules of Statistical Practice adopted
by the American Public Health Association, Section on Vital Statistics,
at the Annual Meeting, 1908.*

SALT LAKE CITY

Statement of Vital Statistics

For the Month of Aug., 1923

Average Death Rate per 1000 During Month . . . . .	.738
Average Death Rate of Actual Residents per 1000 During Month . . . . .	.600

Published by **THE BOARD OF HEALTH**

WITH METEOROLOGICAL OBSERVATIONS FROM THE OFFICE
OF THE UNITED STATES DEPARTMENT OF
AGRICULTURE, WEATHER BUREAU

Please Exchange

Vital Statistics for the Month of August, 1923

CAUSES OF DEATH (International Classification)	TOTAL	SEX		Color		Conjugal Condition					Place of Birth					AGE PERIOD Classified according to age last birthday																
		Male	Female	White	Colored	Single	Married	Widowed	Divorced	Unknown	Salt Lake	Utah	United States	Foreign	Unknown	Less than 1 month	1 month & less than 1 year	1 year to 2 years	2 to 3 yrs.	3 to 4 yrs.	4 to 5 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 years and over	
ALL CAUSES—	96	53	43	93	3	25	51	17	1	2	17	18	27	32	2	4	3	2	5	0	0	2	0	6	1	6	12	11	21	18	5	
I. General Diseases	28																															
1 Typhoid Fever	1		1	1		1							1						1													
3 Relapsing Fever	1	1		1			1					1														1						
6 Measles																																
7 Scarlet Fever																																
8 Whooping Cough																																
9 Diphtheria and Croup	1	1		1		1						1										1										
10 Influenza																																
18 Erysipelas	1		1	1		1					1						1															
19 Other Epidemic Diseases																																
20 Purulent Infection and Septicaemia																																
24 Tetanus																																
28 Tuberculosis of the Lungs	4	2	2	3	1		4						1	3												1	1				2	
29 Acute Miliary Tuberculosis																																
30 Tuberculous Meningitis																																
31 Abdominal Tuberculosis																																
32 Pott's Disease																																
33 White Swellings	1	1		1			1					1															1					
34 Tuberculosis of other organs																																
37 Syphilis	1	1			1		1						1													1						
38 Gonococcus Infection																																
39 Cancer & oth. Malig. Tumors of the Buccal Cavity																																
40 Cancer & oth. Malig. Tumors of Stomach, Liver	4	2	2	4		1	3				1	1	1	1												1			2	1		
41 Cancer & oth. Malig. Tumors of Perito. Int., Rectum	3	1	2	3		1	1	1				1	1	1													1		1	2		
42 Cancer & oth. Malig. Tumors of the Fem. Gen'l Org.	2		2	2				2					2	2																		
43 Cancer and other Malignant Tumors of the Breast	3		3	3			2	1					2	1													2		1			
44 Cancer and other Malignant Tumors of the Skin																																
45 Cancer & oth. Mal.Tum. of oth. orgs. or org. not spec.	3	3		3			2	1			1		1	1												1		1		1		
46 Other Tumors (Tumors of Fe. Gen'l. Org. excepted)																																
47 Acute Articular Rheumatism																																
48 Chronic Rheumatism and Gout																																
50 Diabetes	3	3		3		1	1	1					1	2														1	1			
51 Exophthalmic goiter																																
52 Addison's Disease																																
53 Leuchaemia																																
54 Anemia, Chlorosis																																
55 Other General Diseases																																
56 Alcoholism (Acute or Chronic)																																
57 Chronic Lead Poisoning																																
59 Other Chronic Poisoning																																
II. Dis. of the Nerv. Syst. & the Org. of Spl Sense	9																															
60 Encephalitis																																
61-1 Simple Meningitis																																
61-3 Cerebrospinal Fever	1	1		1		1							1									1										
63-1 Acute Anterior Poliomyelitis																																
63-2 Other Diseases of the Spinal Cord																																
64 Cerebral Hemorrhage, Apoplexy	7	6	1	7			6	2					2	5															1	6	1	
67 General Paralysis of the Insane	1		1	1					1				1																			
68 Other Forms of Mental Alienation																																
74 Other Diseases of the Nervous System																																
76 Diseases of the Ears																																
III. Diseases of the Circulatory System	15																															
78 Acute Endocarditis	1	1		1				1			1	2	2	5	1											1						
79 Organic Diseases of the Heart	12	5	7	12			8	3		1	2	2	2	5	1												3	4	4	1		
80 Angina Pectoris	1	1		1			1				1																					
81 Dis. of Arteries, Atheroma, Aneurysm, etc.																																
82 Embolism and Thrombosis	1		1	1		1					1																					
83 Diseases of the Veins (varices, hemorrhoids, phlebitis)																																
84 Dis. of Lymphatic sys. (Lymphngitis, etc.)																																
85 Hemorrhage; oth. dis. of circulatory system																																
IV. Diseases of the Respiratory System	7																															
87 Diseases of the Larynx																																
88 Diseases of the Thyroid Body																																
89 Acute Bronchitis																																
90 Chronic Bronchitis																																
91 Bronchopneumonia	2	2		2		1		1			1	1							1													
92-A Lobar Pneumonia	5	3	2	5		2	2	1			1	1	3																2		1	
93 Pleurisy																																
94 Pulmonary Congestion, Pulmonary Apoplexy																																
96 Asthma																																
98 Oth. Dis. of Resp. syst. (Tuberculosis excepted)																																
V. Diseases of the Digestive System	8																															
99 Diseases of the Mouth and Annexa																																
100 Diseases of the Pharynx																																
101 Diseases of the Esophagus																																
102 Ulcer of the Stomach	1	1		1			1						1														1					
103 Oth. Dis. of the Stomach (Cancer excepted)																																
104 Diarrhoea and Enteritis (under 2 yrs.)	2	1	1	2		2					1		1					1	1													
105 Diarrhoea and Enteritis (2 yrs. and over)	1		1	1		1					1																					
108 Appendicitis and																																

Vital Statistics for the Month of August, 1923---Continued

CAUSES OF DEATH (International Classification)	TOTAL	SEX		Color		Conjugal Condition					Place of Birth					AGE PERIOD Classified according to age last birthday															
		Male	Female	White	Colored	Single	Married	Widowed	Divorced	Unknown	Salt Lake	Utah	United States	Foreign	Unknown	Less than 1 month	1 month to less than 1 year	1 year to 2 years	2 to 3 yrs.	3 to 4 yrs.	4 to 5 yrs.	5 to 9 yrs.	10 to 14 yrs.	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 years and over
ALL CAUSES—	96	53	43	93	3	25	51	17	1	2	17	18	27	32	2	4	3	2	5	0	0	2	0	6	1	6	12	11	21	18	5
VII. The Puerperal State	5																														
134 Accidents of Pregnancy	1																														
135 Puerperal Haemorrhage	1		1	1				1					1														1				
136 Other Accidents of Labor	1		1	1				1					1														1				
137 Puerperal Septicaemia	1			1																											
138 Puerperal Albuminuria and Convulsions	3		3	3				3					1	2													2	1			
139 Puerp. Phlegmasia alba dolens, embolus, sud. death																															
VIII. Diseases of the Skin and Cellular Tissues																															
142 Gangrene																															
143 Furuncle																															
144 Acute Abscess																															
IX. Dis. of Bones and Organs of Locomotion																															
146 Diseases of the Bones (Tuberculosis excepted)																															
X. Malformations	1																														
150-3 Other Congenital Malformations	1		1	1		1						1						1													
151-1 Hydrocephalus																															
150-2 Congenital Malformations of the Heart																															
XI. Early Infancy	4																														
151-1 Premature Birth (not stillborn)	2		2	2		2						2						2													
151-2 Congenital Debility																															
152-1 Injuries at Birth (not stillborn)	1		1	1		1						1						1													
152-2 Other Causes Peculiar to Early Infancy	1		1	1		1						1						1													
XII. Old Age																															
154 Senility																															
XIII. External Causes	9																														
155 Suicide by Poison																															
156 Suicide by Asphyxia																															
157 Suicide by Hanging or Strangulation	1	1		1							1																			1	
158 Suicide by Drowning																															
159 Suicide by Firearms																															
160 Suicide by Cutting or Piercing Instruments																															
164 Poisoning by Food																															
165 Oth. Acute Poisonings	1		1	1				1						1																	
166 Conflagration																															
167 Burns (Conflagration excepted)	1	1		1		1							1						1												
168 Absorption of deleterious Gases (Confl. excepted)																															
169 Accidental Drowning																															
170 Traumatism by Firearms																															
172 Traumatism by Fall	1		1	1				1																							
173-A Traumatism in Mines	1	1		1		1																						1			
174 Traumatism by Machines																															
175-A Railroad Accidents & Injuries																															
175-B Street Car Accidents & Injuries																															
175-C Automobile Accidents & Injuries	2	1		1	2			2				1		1																	
175-D Injuries by Other Vehicles																															
175-E Landslide, other crushing																															
175-G Motorcycle Accidents																															
176 Injuries by Animals																															
181 Electricity (Lightning excepted)																															
182 Homicide by Firearms	2	2		1	1			2						1	1													2			
183 Homicide by Cutting or Piercing Instruments																															
184 Homicide by other means																															
186 Other External Violence																															
XIV. Ill-Defined Diseases	1																														

Number of Deaths for Aug., 1922— 89 Death Rate per 1000, Aug., 1922, Estimated Pop. 130,000— .684
Number of Deaths for Aug., 1923— 96 Death Rate per 1000, Aug., 1923, Estimated Pop. 130,000— .738

Non-Residents died in City 18

DEATHS NOT COUNTED IN DEATH RATE.		BIRTHS	
Stillbirths	7	Males	146
Bodies brought here for interment	23	Females	155
Bodies brought here and shipped away for interment	..	White	296
		Colored	5
		Total	301

Comparative Mortality from December 1905 to December 1923

	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905
January	124	170	152	161	237	133	157	103	127	128	119	98	123	108	96	123	116	81	65
February	124	150	119	350	146	117	117	98	97	98	108	74	83	85	92	115	105	55	50
March	190	161	114	122	145	133	109	112	114	91	95	127	104	85	140	115	81	79	78
April	149	116	119	140	127	149	123	97	108	97	109	105	78	105	123	92	80	67	63
May	127	124	134	131	131	120	113	112	88	111	102	110	90	92	90	102	87	114	41
June	110	137	121	99	112	106	95	92	74	75	80	86	93	82	108	80	85	70	38
July	112	118	135	131	108	87	100	92	85	83	88	75	76	103	85	72	88	72	61
August	96	89	115	96	108	101	112	97	83	83	115	85	86	121	114	75	82	71	64
September		93	112	111	98	90	115	110	85	91	94	92	78	81	101	98	85	75	73
October		107	120	120	116	259	105	113	101	83	93	104	74	108	109	96	100	94	91
November		147	113	102	116	285	104	111	113	93	115	89	71	110	100	110	107	90	64
December		149	130	142	142	241	140	200	105	116	120	130	89	141	121	89	144	98	69
Total		1561	1484	1705	1586	1821	1390	1337	1180	1149	1238	1175	1045	1221	1279	1167	1160	966	757

Marriage Licenses issued during Month of Aug., 1923, as shown by County Records— 242

Vital Statistics for the Month of Aug., 1923---Continued

Deaths by Wards

Total	1	2	3	4	5
96	23	13	15	20	25

Visits Made by Physician 100

Report of Chief Quarantine Inspector

S. C. EVANS

	Total	Small Pox	Scarlet Fever	Diph.	Pulmon'y Tuberculosis	Menin-gitis	Infan-tile Par-alysis
Hses disinfect'd	12	..	7	4	1	..	..
Rooms "	53	..	31	20	2	..	..

Contagious and Infectious Diseases Reported

(BY MUNICIPAL WARDS)

	Total	WARDS				
		1	2	3	4	5
Typhoid Fever ..	12	6	1	..	3	2
Smallpox .....	..	..	..	..	..	..
Measles	11	2	4	1	..	4
Scarlet Fever ...	7	1	2	3	1	..
Whooping Cough	38	18	14	1	1	4
Diphtheria	12	7	..	1	3	1
Mumps	20	10	2	3	1	4
German Measles..	..	..	..	..	..	..
Chickenpox	22	10	2	7	3	..
Tetanus .....	..	..	..	..	..	..
Tuberculosis ....	..	..	..	..	..	..
Pneumonia .....	..	..	..	..	..	..
Erysipelis .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Rocky Mt. Spotted Fever	..	..	..	..	..	..
Infantile Paralysis	..	..	..	..	..	..
Meningitis .....	..	..	..	..	..	..
Totals	122	54	25	16	12	15

Tuberculosis Report

LYDIA J. BAIRD, Chief Nurse

Patients under supervision beginning of month....	39
New patients	11
Discharged	1
Registered cases died	2
Visits to patients	43
Patients left city	9

Nose and Throat Clinic

Tonsillectomies	18
Adenoidectomies	19
Total Operations	37
Nose and Throat Examinations .....	..
Total Number of Patients	19

Typhoid Fever Report

New cases quarantined	11
*Less cases brought here for treatment	1
Old cases in quarantine	3
Cases released	3
Registered Cases Died	1
Cases remaining in quarantine	11
Calls made by nurse	17

Emergency Hospital Report

LYDIA J. BAIRD, Chief Nurse

Medical Cases	13
Surgical Cases (Minor)	163
Surgical Cases (Major)	30
Total Number of Cases	206

Classification of Major Cases:

Fractures	20
Flesh Wound and Internal Injuries	6
Dislocations	2
Gunshot wound	2

Disposition of Cases:

Sent Home	186
Sent to Local Hospitals	15
Sent to County Hospital	3
Returned to Jail	2
Dead when Brought to Hospital .....	..
Died in Hospital .....	..
Patients remaining in Hospital 3 hours or longer...	18
Typhoid Vaccine	27
Small Pox	1
Minor Dressings	6
Anaesthesia	6
Schick Test (Diphtheria) .....	..
Diphtheria Toxin Antitoxin .....	..

Milk Stations Report

Milk Received, Quarts .....	..
Milk Sold, Quarts .....	..
Milk Given, Quarts .....	..
Ice Received, Pounds .....	..
Ice Given, Approximately Pounds .....	..

School Report

Visits to school .....	..
Rooms visited .....	..
No. examined .....	..
No. inspected .....	..
Permits issued .....	..
Permits refused .....	..
Excluded .....	..
Referred to medical inspector .....	..
Cultures taken .....	..
Vaccinations .....	..
Home visits .....	..
Parents to school .....	..
Minor dressings .....	..

CAUSES FOR EXCLUSIONS.

Ringworm .....	..
Scabies .....	..
Impetigo .....	..
Pediculosis .....	..
Tonsilitis .....	..
Eye infection .....	..
Unclassified .....	..
Sus. Diphtheria .....	..
Sus. Smallpox .....	..
Sus. Mumps .....	..
Sus. Scarlatina .....	..
Sus. Chickenpox .....	..
Sus. Whooping Cough .....	..
Sus. Measles .....	..

Medical and Surgical Treatments Obtained

Adenoids .....	..
Enlarged Tonsils .....	..
Defective hearing .....	..
Defective vision .....	..
Unclassified .....	..
Treatments recommended .....	..
Defective teeth .....	..
Birth Calls by Nurses	216
Miscellaneous Calls by Nurses	109

Vital Statistics for the Month of Aug., 1923---Continued

Dental Clinic

Dr. W. H. COWLEY

New Patients .....	..
Revisits .....	..
Total Visits .....	..
Deciduous Extractions .....	..
Permanent Extractions .....	..
Anaesthesia .....	..
Devitalizations .....	..
Pulp Removal .....	..
Canal Dressing .....	..
Abscess Treatments .....	..
Prophylaxis .....	..
Cement Filling .....	..
Silver .....	..
Silver and Cement .....	..
Synthetic .....	..
Root .....	..
Total Treatments .....	..

Baby Health Station

LYDIA J. BAIRD, Chief Nurse

Prenatal calls.....	..
Baby Clinics	23
Number Attending	934
Milk Modification calls	12

Report of Chief Inspector of Sanitary Division

S. L. SCHWARTZ

Total number of inspections made	6598
Total number of re-inspections made	696
Total number of O. K. inspections made	3295
Number of complaints filed by residents	73
Number complaints filed by inspectors	808
Inspections: Theatres, Dance Halls, Public Places....	12
Ventilations corrected.....	..
Blocks Canvassed	795
Written notices served	112
Verbal notices served	739
Nuisances abated	492
Cesspools, vaults and grease traps cleaned	66
Notice to connect with sewer	60
Sewer connections made	118
Inspections for sewer connections	147
Night soil disposed of at flushing station, tanks...	18
Dead Dogs reported	197
Prosecutions	2
Garbage Complaints	451
Ashes and other waste material complaints	22
Inspections comfort stations	14

Milk and Dairy Division

Report of Chief Inspector, Milk and Dairy Division.

M. J. CONNELLY

Dairy permits issued	12
Permits revoked	4
Permits refused	8
Inspections of farm dairies	66
Inspections of city milk plants	33
Inspections of milk in stores	102
Samples for analysis retail milk	81
Samples for analysis wholesale milk	38
Samples for analysis retail cream	43
Samples for analysis wholesale cream	12
Samples for analysis from restaurants and hotels.	141
Samples for analysis ice cream	52
Samples for analysis private tests	22
Milk cans inspected	660
Milk cans condemned	25
Ice cream factories inspected	54
Sediment tests made	665
Samples of milk found below standard	43
Gallons of milk condemned	310
Number of complaints investigated	29
Orders given to improve conditions	43
Prosecutions .....	..
Convictions .....	..

Report of Bacteriologist

S. E. GILCHRIST

Total examination for Loeffler bacillus	86
For quarantine	32
Positive	6
Negative	26
For release	54
Positive	19
Negative	35
Widal test for typhoid fever	7
Positive .....	..
Negative	7
Sputum Examination for Tuberculosis	5
Positive .....	..
Negative	5
Spinal Fluid examined for Meningococcus .....	..
Positive .....	..
Negative .....	..
Smears examined for Gonococcus	44
Positive	15
Negative	29
Examination of Blood by Wassermann .....	..
Re-action	57
Positive	12
Negative	45
Examinations Koch-Weeks Bacillus .....	..
Positive .....	..
Negative .....	..
Examinations of Urine.....	..
Examinations of milk, cream, butter, chem.....	..
Examination of milk, cream, butter, bact.....	..
Examinations of water, chem. ....	..
Examinations of water, bact.	125
Misc.....	..

Dispensary

Dr. SPENCER WRIGHT

Gonorrhea { Microscopical Examinations	44
New Cases	16
Treatments	150
Syphilis { New Cases	8
Treatments	30
Chancroid { No. Cases.....	2
Treatments	10
Wasserman's	56
Positive.....	12

Report of Weights & Measures Division

JOHN HALVORSEN

OILS, WEIGHTS AND MEASURERS

Scales tested and sealed	137
Scales condemned for repairs	8
Scales Confiscated	2
Scales adjusted	21
Measuring pumps tested and sealed	21
Measuring pumps condemned for repair	1
Measuring pumps adjusted	9
Measures Confiscated .....	..
Liquid measures tested and sealed .....	..
Lineal measures tested and sealed	1
Measuregraphs tested and sealed.....	2
Prosecutions .....	..
Market inspections	39
Complaints investigated	1
Miscellaneous packages inspected and passed	2134
" " " " retained.....	314
Packages of Butter & Oleo. inspected and passed ..	640
" " " " " retained.....	..
Bags of mill stuff inspected and passed	1121
" " " " " retained .....	..
Commission House and Store Inspections	78
Unclean Berry Boxes and Cups Condemned	150
Loads of Coal Weighed	2
Oil Inspections and tests made	5
Gasoline tests made, Gals.....	199,907
Gals. of kerosene tested	12,231
Ice Deliveries Checked	10
Misc. Cases of Fruit Con'd and Repacked	214
Cases of fruit inspected and passed	22,000
Bags of sugar inspected & passed	275
Bags of sugar inspected & retained.....	..
Number of Loaves of Bread inspected.....	7013

[illegible]

Vital Statistics for the Month of Aug., 1923--Continued

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU Annual Meteorological Summary

Salt Lake City, Aug., 1923

WEATHER BUREAU OFFICE—Elevation—4,408.

MEAN ATMOSPHERIC PRESSURE, 25.63 inches.

Highest pressure, 25.78 on the 16th.

Lowest pressure, 25.45 on the 4th.

MEAN TEMPERATURE, 73°.

Highest temperature, 90° on the 9th.

Lowest temperature, 52° on the 30th.

Greatest daily range of temperature 31° on the 2nd.

Least daily range of temperature, 15° on the 26th.

Normal this month, 74.5°

Absolute maximum for this month for 46 years 101°

Absolute minimum for this month for 46 years 44°

Average daily excess (+) or deficiency (—) of mean temperature of this month as compared with normal, — 1.5°.

Accumulated excess (+) or deficiency (—) of mean temperature since January 1st — 201°.

Average daily excess (+) or deficiency (—) since January 1st, (—) — 0.8°.

Prevailing direction of wind, SW.

Total movement of wind, miles 51.05

Average hourly velocity 6.9.

Highest velocity of wind (for five minutes) 60 miles from W. on the 2nd.

TOTAL PRECIPITATION, 2.41

Total snowfall 0.0 Greatest in 24 hrs 0.0

Normal Precipitation 0.78 Snow on ground end Aug. 0.0

Excess (+) or deficiency (—) of this month as compared with normal, + 1.63.

Accumulated excess (+) or deficiency (—) in precipitation since January 1st, (+) 2.37

Number of clear days, 16; partly cloudy days, 11, cloudy, 4; on which 0.01 inch, or more, of precipitation fell, 6.

Mean relative humidity, 51.3 per cent at 6 a.m., 30.9 per cent at 6 p. m.

J. CECIL ALTER,
Meteorologist

Public Improvements and Other Statistics

Longitude	North	40° 46'
Latitude	West	111° 54'
Elevation above sea, feet		4,350
Estimated population, 1922		130,000
Population, U. S. census, 1920		118,110
Area of city, sq. miles		52
Miles of streets		514
Miles of street graded		514
Miles of street paved		89.52
Miles electric street railway		144.10
Miles public sewers		297.58
Miles gas mains		186
Miles water mains laid		337.19
Available water supply per day (avg) gals		61,950,000
Drinking fountains.....		45
Watering troughs		15
Number electric street lights		2,046

Number newspapers, daily	3
Number newspapers, weekly	10
No. of volumes in free public library, Aug. 31, 1923-116,418	
Number of parks and playgrounds in city..	13
Number of acres in parks and playgrounds	1,035
Number public school buildings	58
Number of teachers in public school	1,000
Number of pupils attending public schools	33,302
Per cent in attendance	96.80
Value of school property	\$ 6,342,930.86
Tax rate, state, mills	1922 2.4
Tax rate, state school, mills	1922 4.5
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Tax rate, city schools, mills	1922 8.1
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